



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 4937

SERIAL NUMBER 10/613,182	FILING DATE 07/03/2003 RULE	CLASS 331	GROUP ART UNIT 2817	ATTORNEY DOCKET NO. 10873.1246US01
-----------------------------	-----------------------------------	--------------	------------------------	---------------------------------------

## APPLICANTS

Yorito Ota, Kobe-shi, JAPAN;

*ok le*Kazuhiro Arai, Imaichi-shi, JAPAN;  
Yasuyuki Toyoda, Mukoh-shi, JAPAN; Shinichi Sonetaka, Ibaraki-shi, JAPAN;

## \*\* CONTINUING DATA \*\*\*\*\*

*None le*

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 2002-242499 08/22/2002

*ok le*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 11/03/2003

Foreign Priority claimed	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	JAPAN	DRAWING 8	CLAIMS 15	CLAIMS 7
Verified and Acknowledged Examiner's Signature	<i>Joseph Cherry</i>	Initials			

## ADDRESS

Merchant & Gould .  
P.O. Box 2903  
Minneapolis , MN  
55402-0903

## TITLE

Bipolar transistor, oscillation circuit, and voltage controlled oscillator

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------	---	---